



D0 Status Report

11/28/2005

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Fermilab



Data Taking for 11/14 – 11/20



Day	Delivered	Recorded	Eff.	Comments
11/21 (Mon)	2.53 pb ⁻¹	2.19 pb ⁻¹	86 %	Store 4515 lost.
11/22 (Tue)	0 pb ⁻¹	0 pb ⁻¹		
11/23 (Wed)	0 pb ⁻¹	0 pb ⁻¹		A broken MDT wire repaired. Starting a test to see if it holds.
11/24 (Thu)	0 pb ⁻¹	0 pb ⁻¹		Happy Thanksgiving.
11/25 (Fri)	0 pb ⁻¹	0 pb ⁻¹		Lost cooling water due to ice blocking the pond water inlet. Fire alarm.
11/26 (Sat)	0 pb ⁻¹	0 pb ⁻¹		MDT wire test completed.
11/27 (Sun)	0 pb ⁻¹	0 pb ⁻¹		

11/21-11/27	2.53 pb ⁻¹	2.19 pb ⁻¹	86 %	
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Notable Events



- 11/21 (Mon)
 - 40 min downtime due to Muon readout problems.
 - Store 4515 lost due to quench.
 - BLM dose was 35 rad/sec.
 - There is no apparent damage to SMT.
 - Started taking cosmic muon runs.
- 11/22 (Tue)
 - Supervised access began.
 - Muon system surveyed.
 - North EF iron opened.
 - PDT Front-end boards replaced.
- 11/23 (Wed)
 - Supervised access continues.
 - North A-layer pixels opened.
 - A broken MDT wire repaired.



Notable Events



- 11 /24 (Thu)
 - Lost cooling water due to ice blocking the pond water inlet.
- 11 /25 (Fri)
 - Painful recovery from the loss of cooling water earlier.



Short Shutdown Plan



- Repair a broken wire in a MDT plane.
 - Requires opening the North EF iron and the North A-layer pixels.
 - Total time to prepare for this work, including survey, is 14 hours.
 - Total time to close the EF is 4 hours.
- Repair Calorimeter preamp power supplies and investigate ICD pulser problems.
 - Requires opening the cathedral.
 - Opening the cathedral takes 4 hours.
 - Closing the cathedral and survey planned for 12/5 (Mon).
- Test Run 2b Muon PDT Control Boards.
- Maintenance work on HVAC UPS.
- Repair L1Cal water leak.
- Take cosmic muon events.